

LISICHKIN, S.M.

Founders of petroleum refining processes. Trudy po ist. tekhn.
no.10:71-82 '54. (MLRA 8:3)
(Petroleum--Refining)

PHASE I BOOK EXPLOITATION

519

Lisichkin, Stepan Maksimovich

Ocherki razvitiya neftedobyvayushchey promyshlennosti SSSR (Study of Development of Petroleum Industry in the USSR) Moscow, Izd-vo AN SSSR, 1958. 427 p.
3,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut ekonomiki.

Resp. Ed.: Karyagin, I. D.; Ed. of Publishing House: Regel'son, V. M.; Tech.
Ed.: Prusakova, T. A.

PURPOSE: This book is intended for students interested in the development of the petroleum industry of the USSR.

COVERAGE: The author follows the development of the Soviet petroleum industry from 1913 to the present, covering the advances made in the technological field (especially drilling) as well as the development of the various oil producing regions of the country. The author describes the new methods of obtaining oil and the new equipment used. The following personalities are mentioned as having helped in the compilation of the material: Candidate of Technical Sciences, I. D. Karyagin; Engineer,

Card 1/6

Study of Development of Petroleum Industry in the USSR () 519

N. N. Kalmukov; Candidates of Geological and Mineralogical Sciences, P. S. Meluk-Pashaev and A. I. Mustafinov; Engineer, G. T. Ovnatov; Corresponding Member of the Academy of Sciences of the USSR, A. A. Trofimuk; Professors, P. A. Khromov and N. I. Shatsov. The following personalities are mentioned as having helped in the research: S. F. Senchenkov, Chief, Central Archives, Ministry of the Petroleum Industry; E. S. Fryazevoy, Associate Central Government Archives of the October Revolution; P. A. Lavrov, Chief of a section of the Marxist-Leninist Institute under the Central Committee of the Communist Party of the Soviet Union; and M. I. Petrov, Scientific Associate, Central Archives, Bashkir A.S.S.R. There are 611 references, all of which are Soviet.

TABLE OF
CONTENTS:

From the Author	3
Introduction	5

Card 2/6

Study of Development of Petroleum Industry in the USSR

519

Ch. I. Development of Geological Prospecting	15
1. Geological work during the first years of Soviet power	16
2. Prospecting for oil during the prewar Five Year Plans	19
3. Geological prospecting during World War II and the post-war years	31
Ch. II. Drilling Oil Wells	40
1. Capital outlay for drilling	40
2. Oil well drilling rate	48
3. Improvement of drilling equipment	56
4. Engineering advances in oil well drilling	65
5. Drilling equipment	70
6. Clay mortar. Cementing the wells	75
7. Turbine drill and electric drill	79
8. Underwater drilling	91
9. Erecting oil derricks	98
10. New methods and new technology in drilling	104
11. Simplifying and facilitating the construction of oil wells	112
12. Using drilling equipment and the problem of the cost of drilling	114

Card 3/6

Study of Development of Petroleum Industry in the USSR

519

Ch. III. The Development of Petroleum Production

128

1. Capital outlay for petroleum production 129
2. The development of methods of working oil wells 131
 - Deep well pumps 133
 - Cleaning sand and paraffin deposits from wells 141
 - The compressor method 143
 - Pump jacks 146
3. Efficient methods of working petroleum deposits 148
 - Intensification of petroleum production 148
 - Secondary recovery methods 150
 - Acid treatment and dropping a torpedo into the oil well to increase output 152
 - Hydraulic fracturing of the formation 156
 - Efficient separation of liquids. The multiple method 157
 - Correct bases for the working of petroleum deposits 158
 - Flooding outside the boundaries of the formation and in the formation itself 163
 - The free-flowing method 165

Card 4/6

Study of Development of Petroleum Industry in the USSR	519
4. Total number of wells and their capacities	169
5. Automation in petroleum production	175
6. Cost and productivity of labor in petroleum production	180
Ch. IV. Geographical Distribution of the Petroleum Industry in the USSR	186
Ch. V. Consumption of Petroleum Products and Petroleum Exports	199
1. Domestic consumption of petroleum products in the USSR	199
2. Petroleum product exports	207
Ch. VI. Labor Force and Cadres in the Petroleum Industry	219
1. The staff of workers and engineers	219
2. Technical training of oil workers	222
3. Socialist competition and innovators	228
4. Payment for work	241
5. The material and cultural conditions under which workers live	252
Ch. VII. Development of Individual Oil-producing Areas of the USSR	262
A. Southern regions	262
Card 5/6	

Study of Development of Petroleum Industry in the USSR 519

1. The Baku oil-producing area 262
2. The Grozny oil-producing area 262
3. Petroleum deposits of the Krasnodar region 306
4. Turkoman oil deposits 314
5. Oil deposits of Central Asia 324
6. Oil deposits of Dagestan 330
7. The Georgian petroleum industry 333
8. The Ukrainian petroleum industry 338

B. The Ural-Volga and Eastern region 342

1. The "Second Baku" oil-producing area 342
2. Oil deposits of the Stalingrad-Saratov region 366
3. The Emba oil region 367
4. The Ukhta petroleum industry 380
5. The Sakhalin petroleum industry 383
6. Petroleum deposits of Siberia and the Soviet Far North 388

Appendix 395

Archive material used 403

Bibliography 404

AVAILABLE: Library of Congress
Card 6/6

BK/fal
9/10/58

BUZUYEV, Vladimir Mikhaylovich; PAVLICHENKO, Vladimir Pavlovich;
I. ISICHKIN, S.M., otv.red.; RAKHMANINOV, G.I., red.izd-va;
SIMKINA, G.S., tekhn.red.

[Pugwash means peace; the international movement of scientists
for the prevention of atomic r] Puguosh - eto mir; mezhdunarodnoe dvizhenie uchenykh za predotvrashchenie iadernoi voyny.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 88 p. (MIRA 13:7)
(Atomic weapons and disarmament)

LISICHKIN, Stepan-Maksimovich; KARYAGIN, I.D., red.; SAVINA, Z.A.,
vedushchiy red.; GANINA, L.V., tekhn.red.

[Petroleum industry in the people's democracies] Neftianaya
promyshlennost' stran narodnoi demokratii. Moskva, Gos.nauchno-
tekhn.isd-vo neft. i gorno-toplivnoi lit-ry, 1960. 168 p.

(MIRA 13:9)

(Communist countries--Petroleum industry)

LISICHKIN, Stepan Maksimovich; KARYAGIN, I.D., red.; PETROVA, Ye.A.,
ved. red.; VORONOVA, V.V., tekhn. red.

[The petroleum industry of the Near, Middle, and Far East]
Neftianaya promyshlennost' stran Blizhengo, Srednego i Dal'-
nego Vostoka. Moskva, Gostoptekhizdat, 196 p. (MIRA 15:9)
(Near East--Petroleum industry) 1962
(Far East --Petroleum industry)

LISICHKIN, S.M.

History of the machinery for turbine drilling. Vop.ist.est.1
tekh. no.12:195-197 '62. (MIRA 15:4)
(Drilling and boring machinery)

4
LISICHKIN, S.M., ZHIGACH, K.F., BORISOV, P.A., CALPERSON, E.B., KORYAGIN, I.D.,

Present day status and main development trends of the oil industry in the USSR

Report to be submitted for the Sixth World Petroleum Congress, Frankfurt,
16-26 June 63

VLEDUTS, G.E.; KAFAROV, V.V., red.; LISICHKIN, S.M., red.;
MIKHAYLOV, A.I., red.; SEMENOV, Yu.V., red.;

[Scientific information problems in the field of chemistry]
Nekotorye voprosy nauchnoi informatsii v oblasti khimii.
Moskva, Izd-vo AN SSSR. No.1. [Ways of improving the sys-
tematization of chemical indexes] O putiakh usovershenstvo-
vaniia sistematiki khimicheskikh ukazatelei. 1958. 77 p.
(Chemistry--Abstracting and indexing) (MIRA 16:10)

LISICHKIN, S.M.

Petroleum industry of Australia. Neft. khoz. 41 no.6:62-66
Ja '63. (MIRA 17:6)

LISICHKIN, Stepan Maksimovich; KARYAGIN, I.D., red.; DUBROVINA,
~~N.D., ved. red.~~

[Petroleum industry of Africa, Australia, Latin America,
and Canada] Neftianaiia promyshlennost' Afriki, Avstralii,
Latinaskoi Ameriki i Kanady. Moskva, Nedra, 1964. 280 p.
(MIRA 17:8)

LISICHKIN, Stepan Maksimovich; SAIDOV, M.N., nauchn. red.

[Petroleum industry of the Socialist Federal Republic
of Yugoslavia] Neftianai promyshlennost' Sotsialisti-
cheskoi Federativnoi Respubliki Iugoslavii. Moskva,
TsNIIEneftegaz, 1963. 42 p. (MIRA 17:9)

NEKRASOV, N.N., otv. red.; VOZNESENSKIY, A.N., doktor tekhn.
nauk, red.; LISICHKIN, S.M., doktor ekon. nauk, red.

[Problems of the distribution of production in the U.S.S.R.]
Voprosy razmeshcheniia proizvodstva v SSSR; sbornik statei.
Moskva, Nauka, 1965. 414 p. (MIRA 18:4)

1. Russia (1923- U.S.S.R.) Sovet po izucheniyu proizvodi-
tel'nykh sil. 2. Chlen-korrespondent AN SSSR (for Nekrasov).

LISICHKIN, S.M.

Lenin and the petroleum industry (for the 95th anniversary of
the birth of Vladimir Il'ich Lenin). Neft.khoz. 43 no.4:1-12
Ap '65. (MIRA 18:4)

LISICHKIN, V.M., sanitarnyy vrach

Experience of the prophylactic disinfection unit in water transportation. Gig. i san. 23 no.11:69-70 N '58. (MIRA 12:8)

1. Iz Podporozhskoy lineynoy sanitarno-epidemiologicheskoy stantsii Severo-zapadnogo vobzdravotdela.

(DISINFECTION AND DISINFECTANTS)

(INLAND WATER TRANSPORTATION--HYGIENIC ASPECTS)

VEYNBERG, B.S., kand. tekhn. nauk; LISICHKIN, V.Ye., kand.
tekhn. nauk, retsenzent; KUBAREV, V.I., inzh., red.

[Piston compressors of refrigerating machines] Porshne-
vye kompressory kholodil'nykh mashin. Izd.2., perer. i
dop. Moskva, Mashinostroenie, 1965. 354 p.
(MIRA 18:6)

Lisichkin, V. Ye.

MEL'NIKOV, N.I., dotsent kandidat tekhnicheskikh nauk; LISICHKIN, V. Ye.,
inzhener

Indicated efficiency of Soviet high-pressure piston compressors.
Khim.prom.no.10:285-288 0'47. (MLRA 8:12)
(Compressors)

LISICHKIN, V. Ya.

Cand Tech Sci

Dissertation: "Investigation of the Performance
of Rotary Plate Compressors."

29/6/50

Moscow Inst of Chemical Machine Building

SO Vecheryaya Moskvā
Sum 71

MATRONIN, S.V.; LISICHKIN, V.Ye.; MEL'NIKOV, N.I.; RUMYANTSEV, V.A.,
dots., retsenzent; MAKOVSKIY, G.M., inzh., red.;

[Testing compressing machines] Ispytanie kompressornykh ma-
shin. Moskva, Izd-vo "Mashinostroenie," 1964. 182 p.
(MIRA 17:7)

BOKOVA, V.V., GORR, Z.T., YEVSEYEVA, T.Ya., LISICHKINA, L.I.

Middlebrook-Dubos reaction as a new serological diagnostic method in tuberculosis. Trudy LSGMI 45:95-98 '58 (MIRA 11:11)

1. Kafedra mikrobiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy prof. M.N. Fisher).
(BLOOD--AGGLUTINATION)
(TUBERCULOSIS--DIAGNOSIS)

LISICEKINA, S.M., obshchiy red.; TOMASHPOL'SKIY, L.M., obshchiy red.;
CHUTKASHVILI, Ye.V., obshchiy red.; KARYAGIN, I.D., red.;
KIR'YANOVA, Z.V., red.; MATVEYEV, P.V., red.; MOTORIN, A.I., red.;
POPOV, I.V., red.; POPOV, N.M., red.; PROSKURYAKOV, A.V., red.;
SOKOLOV, Yu.S., red.; STUPOV, I.D., red.; BELYAVSKIY, A.M., red.;
GRAZHUL', V.S., red.; DANILOV, N.N., red.; RAKHMANINOV, G.I., red.;
SHEVCHENKO, G.A., tekhn.red.

[Development of the national economy of the German Democratic
Republic] Razvitie narodnogo khoziaistva Germanской Demokrati-
cheskoi Respubliki. Moskva, Proizvodstvenno-izdatel'skii kombi-
nat VINITI, 1959. 906 p. (MIRA 13:4)

1. Akademiya nauk SSSR. Institut nauchnoy informatsii.
(Germany, East--Economic conditions)

GUBAR', M.A.; KORSH, L.Ye. KABANOV, N.M.; VOROB'YEVA, R.V.; GASILINA, M.M.;
DZHUMAYEV, K.D.; IVANTSOV, K.F.; OVEZOV, A.O. Primali uchastiye:
BYLINKINA, A.A.; YELAKHOVSKAYA, N.P.; LISICHKINA, T.I.

Hygienic characteristics of economical drinking water sources
in districts of the Murgab Oasis. Zdrav. Turk. 7 no.5:28-32 (41)
May '63. (MIRA 16:8)

(OASIS REGION—DRINKING WATER)

LISICHKINA, Z.S.

Studies on the hygienic nature of ultrasonic waves in industry.
Gig.1 san. 26 no.1:23-33 Ja '61. (MIRA 14:6)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny
imeni F.F.Erismana.
(ULTRASONIC WAVES.—PHYSIOLOGICAL EFFECT)

LISICHKINA, Z.S.

Combined action of noise and ultrasonic waves in industry. Uch.
zap. Mosk.nauch.-issl.inst.san. i gig. no.7:93-100 '60.

(MIRA 15:2)

(ULTRASONIC WAVES__PHYSIOLOGICAL EFFECT)
(NOISE__PHYSIOLOGICAL EFFECT)

LISICHKINA, Z.S.

Health protection for workers during the industrial use of
ultrasonic waves. Mashinostroitel' no.8:44 Ag '63.
(MIRA 16:10)

LISICHKINA, Z.S.

Basic problems of industrial hygiene in the technological
use of ultrasound. Uch. zap. Mosk. nauch.-issl. inst. san.
i gig. no.11:5-14, '63. (MIRA 17:1)

SHPIL'BERG, P.I.; LISICHKINA, Z.S.——

Change in the electroencephalogram during fatigue of persons
working at ultrasonic plants. Uch. zap. Mosk. nauch.-issl.
inst. san. i gig. no.11:61-68 '63. (MIRA 17:1)

LISLOKO, F.K.

Work of railroad electric engineering repair plants and shops.
Avtom., telem. i sviaz' 2 no.9:14-15 S '58. (MIRA 11:10)

1. Zamestitel' nachal'nika Glavnogo upravleniya signalizatsii i
svyazi Ministerstva putey soobshcheniya.
(Railroads--Electric equipment--Maintenance and repair)

LISICHNIKOV, Aleksey Georgiyevich, Geroy Sotsialisticheskogo Truda,
deputat Verkhovnogo Soveta SSSR; LETNEV, B.Ya., red.;
TRUKHINA, O.N., tekhn. red.

[Corn came to Transbaikalia] Kukuruzha prishla v Zabaikal'e.
Moskva, Sel'khozizdat, 1962. 46 p. (MIRA 15:9)
(Transbaikalia--Corn (Maize))

DEKOWA, SOKOLOWSKA, A.; BLAIM, A.; LISICKA, D.; STODULSKI, J.; URBANIKOWA, H.

A case of congenital flaccid bronchi in an infant. *Pediat. Pol.* 37
no.5:513-516 My '62.

1. Z II Kliniki Chorob Dzieci AM w Warszawie Kierownik: prof. dr med.
T. Lewenfisz-Wojnarowska z Kliniki Chirurgii Dziecięcej AM w Warszawie
Kierownik: prof. dr med. J. Kossakowski i z Zakładu Radiologii Pedia-
trycznej AM w Warszawie Kierownik: prof. dr med. K. Rowinski.

(BRONCHI abnorm)

BORKOWSKI, Marian T.; STACHURSKA, Jolanta; LISICKA, Danuta; KOPEC, Maria

Glanzmann's thrombasthenia. Pol. arch. med. wewnet. 35 no.6:
891-896 '65.

1. Z II Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.
dr. med. T. Lewenfisz-Wojnarowska) oraz z Zakladu Biochemii
Instytutu Reumatologii (Kierownik: dr. I. Niedzwiecka-Namyslowska)
i z Oddzialu Wewnetrznego II Instytutu Reumatologii (Kierownik:
doc. dr. med. M. Kopec; Konsultant naukowy Zakladow prof. dr. med.
E. Kowalski).

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. Full Eclipse of the Moon on August 26, 1942. Urania, 1948,
v. 19, p. 32-33.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. Saturn. Urania, 1948, v. 19, p. 20-24.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. Luminous Night Clouds. Urania, 1948, v. 19, p. 32.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. Variable Stars. Urania, 1949, v. 20, p. 58-64.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. Cepheid Variable Stars of the δ Type. Urania, 1949, v. 20,
p. 161-163.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. TV Cassiopeae. Warszawa. Uniwersytet-Obserwatorium. Okolnik,
1949, no. 24, p. 6-8.

LISICKI, ANDRZEJ.

LISICKI, ANDRZEJ. A New Variable in the Pleiades. Torun. Uniwersytet.
Obserwatorium. Astronomiczne. Bulletin no. 10, 1951, p. 17-18.

LISICKI, A.

"Astronomical calendar for August and September 1953. p. 241." (FIZYKA I CHEMIA), Vol. 6, no. 4, July/Aug. 1953, Warszawa, Poland

So: Monthly List of East European Accessions L. C. Vol. 2, No. 11, Nov. 1953, Uncl.

LATUSZKIEWICZ, Wieslaw, mgr inz.; LISICKI, Andrzej, mgr inz.

Testing of steam turbines for operational adjustment under
conditions of deteriorated vacuum in the condenser. Energetyka
przem 10 no.12:439-444 D '62.

LATUSZKIEWICZ, Wieslaw, mgr inz.; LISICKI, Andrzej, mgr inz.

Testing the 7 MW stal radial flow turbine in order to adjust it
to operation under conditions of a worsened condenser vacuum.
Gosp paliw 12 no.2:Suppl.: Biul inst techn ciepl 12 no.2:
73-76 F '64.

1. Zaklad Turbin Ciepnych, Instytut Techniki Cieplnej, Lodz.

LISICKI, Andrzej, mgr inż.

Influence of the variability of the cross section and the angle of spatial blade twisting on the vibration frequency of free rotating blades. Biul inst techn ciepl 12 no.8/9:313-319 Ag-S '64.

1. Department of Thermal Turbines of the Institute of Heat Engineering, Lodz.

LATUSZKIEWICZ, Wieslaw, mgr inz.; LISICKI, Andrzej, mgr inz.

Tests of the 7 MW steel radial-flow turbine in order to adjust it to work under conditions of worsened vacuum in the condenser. Biul inst techn ciepl 12 no.2:73-76 F '64.

1. Department of Thermal Turbines of the Institute of Heat Engineering, Lodz.

LISICKI, Andrzej, mgr inz.; SERWA, Wladyslaw, mgr inz.

A particular case of blade breakdown of the Pierwsza Bernenska steam turbine. Biul inst techn ciepl 12 no.7:254-255 J1 '64.

1. Department of Thermal Turbines of the Institute of Heat Engineering, Lodz.

LISICKI, Andrzej, mgr inż.

Influence of the variability of the cross section and the space twist angle on the free vibration frequency of rotating blades.
Gosp paliw 12 no.8/9:Suppl:Blul inst techn ciepl 12 no.8/9:312-319 Ag-S '64.

1. Department of Thermal Turbines, Institute of Heat Engineering, Lodz.

KADZIELA, W.; LISICKI, E.; HURYNOWICZ, J.

Attempted photoelectric registration of vasomotor reactions in the rabbit ear. Acta physiol.polon. 11 no.5/6:769-770 '60.

1. Z Zakladu Neurofizjologii i Fizjologii Porownawczej Uniwersytetu M.Kopernika w Toruniu, Kierownik: prof.dr J.Hurynowicz.
Z Zakladu Fizyki Doswiadczalnej Uniwersytetu M.Kopernika w Toruniu.
Kierownik: prof. dr A.Jablonski.
(VASOMOTOR SYSTEM physiol)

LISICKI, E.

The influence of the initial shock on the polarization of photoluminescence. Bul Ac Pol mat 11 no. 10:665-669 '63.

1. Department of Experimental Physics, N. Copernicus University, Torun. Presented by A. Jablonski.

LISICKI, Andrzej, mgr. inz.; SERWA, Wladyslaw, mgr inz.

A peculiar case of breakdown of the buckets of a Pierwsza Bernenska steam turbine. Gosp paliw 12 no.7:Suppl: Biul inst techn ciepl 12 no.7:254-256 JI '64.

LISICKI, J.

Defects of automatic weaving looms. p. 44.
TEKSTIL, Zagreb, Vol. 4, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LISICKI, J.

Faults in textiles resulting from defective weaving. p. 242
TEKSTIL Vol. 4, No. 3, Mar. 1955., Beograd.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, Dec. 1955.

LISICKI, J.

LISICKI, J. Tension of the warp in weaving. p. 1115.

Vol. 4, No. 12, Dec. 1955

TEKSTIL

TECHNOLOGY

Zagreb, Yugoslavia

So: East European Accessions, Vol. 5, May 1956

RYS, Jerzy; LISICKI, Janusz

The metallurgic investigation of drilling bars electrically
welded with nipples. Wiad naft 7 no.3:63-66 '61. (KEAI 10:7)
(Drilling and boring machinery) (Metallurgy)
(Electric welding)

3731

668.286 : 621.921.3.002.014

Chmieleński J., Lisicki T. Investigations over the Efficiency of Certain Polishing Materials.

„Badanie sprawności rozmaitych materiałów polerujących”. Szkło i Ceramika, No. 5, 1974, pp. 80-93, 22 figs.

Glass dust, pumice, volcanic tuffs, polishing rouge and zinc white were examined for their usefulness in polishing, and their efficiency (measured by the loss in the weight of glass during the polishing operation) in relation to the appearance of the surface obtained. The instrument used for the investigation was a rotating polishing wheel of poplar wood or felt, having a speed of rotation of about 300 metres per minute at the polishing point, and provided with a handle, specially made to give a uniform pressure of the sample on the wheel. When using the wooden wheel it was found that glass powder was the most efficient, but the best appearance of the surface was obtained by using pumice and tuffs. Rouge and tuffs were more efficient than pumice when using a felt wheel. The least satisfactory polishing properties were those of zinc white, which, on the other hand, produced a high degree of polish. A comparison of results showed that those obtained on a wooden wheel were far better than when a felt wheel was employed, especially in the case of hard-grained materials. A more even surface, on the other hand, was obtained on a felt wheel.

LISICKI, T.

LISICKI, T.

Nuclear weapons.

p. 56 (Bellona) No. 2, Apr./June 1957, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EFAI) LC, VOL. 7, NO. 1, JAN, 1958

Lisicki Z.

Lisicki Z., "A Thermochemical Method of Determining the Capacity of Ion-Exchangers."
(Termochemiczna metoda oznaczania pojemnosci jonitow). Przemysl Chemiczny,
No. 1, 1950, pp. 45-46, 2 figs.

The comparative measurements method was used to determine the capacity of ion-exchangers and heat developed at the neutralization of ionites. This method makes possible the elimination of practically all calorimetric and thermometric corrections. A comparison of sulphonated coal and an American kationite proved the superiority of the home product.

SO: Polish Technical Abstracts - No. 2, 1951

LISICKI, Z.

1/2

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Organic Chemistry

Preparation of nicotinic acids from the picoline bases of coal tar. A. Gyllekt and Z. Lisicki. *Prace Placówek Nauk-Badawczych Ministerstwa Przemysłu Chem.* 1952, No. 2, 3-37 (English summary).—Fractional distn. of pyridine bases obtained from coal tar gave the so-called 3rd fraction, b. 142-5°, contg. 2-picoline (I), 4-picoline (II), and 2,6-lutidine (III). These were partially sepd. by successive crystn. of their HCl salts according to Świątosławski and Anderson [U.S. Pat. 2,470,116, C.A. 43, 5236h; *Przemysł Chem.* 29, 591(1950)], in which III.HCl was crystal. out first and removed and then enough II.HCl was crystal. and removed to leave only the eutectic mixt. of 80% I.HCl and 20% II.HCl. The 3rd fraction (1000 g.) gave 420.1 g. III, 255.5 g. II, and 205.0 g. I; the loss was 50.4 g. II was oxidized by Corson's method (C.A. 43, 3825e) to isonicotinic acid (IV), m. 312° (from water, then EtOH). A study of mixts. of IV and C.P. nicotinic acid (V), m. 235°, showed an ideal 2-component eutectic system, the eutectic mixt. m. 205° and contg. 75% V. Sublimation studies of mixts. of IV and V between 70° and 220° revealed considerable lowering of the sublimation temp. of IV in mixts. with V, and consequent failure of sepn. of the acids by steam distn. or by fractional sublimation. The soly. of both acids and their mixts. in water and in EtOH was studied. In water, between 0° and 170° (in sealed tube), a min. soly. of V with respect to IV was found at 35-40°. In 97% EtOH, between 0° and 60°, the relative soly. of both acids was lower for the mixt. than for the pure acids and was little affected by temp. Two methods for the isolation of the acids from their eutectic mixt. were devised: (1) by crystn. from water at alternating temps., removing V at 35-40° and IV at 100° and above; (2) by alternate crystn. from water at 35-40° (V) and from EtOH at 70° (IV). The eutectic mixt. was also sepd. on the basis of the unstable equil. states in the supersatd. and unsatd. solns. in the presence of solid phases. Two methods were worked out to by-pass the eutectic point: (1) in the system IV-water-V, V is crystal. much faster than IV from water; a mixt. of the acids dissolved in water at 75-85° was cooled to 40°, where V was isolated by rapid crystn. after seeding with crystals of pure V, and IV

(over)

Separation of the nitroaromatic nitroaromatic acids. I. Wojcisek

nitroaromatic acids. The acids are separated by the method of Ackermann. A graph for the extraction of the acids in water is given. The acids are separated by the method of Ackermann. water, the acids are separated by the method of Ackermann. water and EtOH. Sublimation and thermal decomposition of the 2 acids also was examined and the findings are reported. Edward A. Ackermann

LISICKI, Z.

Separation of eutectic binary mixtures. II Wójcik

1. Geographical 2. Political 3. Economic 4. Social 5. Cultural 6. Religious 7. Historical 8. Environmental 9. Technological 10. Demographic 11. Health 12. Education 13. Transportation 14. Communication 15. Energy 16. Water 17. Food 18. Industry 19. Trade 20. Finance 21. Law 22. Government 23. Science 24. Art 25. Music 26. Literature 27. Philosophy 28. Religion 29. Sports 30. Recreation 31. Health 32. Education 33. Transportation 34. Communication 35. Energy 36. Water 37. Food 38. Industry 39. Trade 40. Finance 41. Law 42. Government 43. Science 44. Art 45. Music 46. Literature 47. Philosophy 48. Religion 49. Sports 50. Recreation

[illegible]

Edward A. Ackermann

LISICKI, Z.

Lowest limit of the azeotropic range of naphthalene in relation to aromatic hydrocarbons. p. 763.
ROCZNIKI CHEMI, Warszawa, Vol. 29, no. 2/3, 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

COUNTRY : Poland
CATEGORY :

H-22

ABS. JOUR. : RZKhim., No. 16 1959, No.

58412

AUTHOR : Swietoslawski, W. and Lisicki, Z.

INST. : Polish Academy of Sciences

TITLE : A Method for the Investigation of Polyazeotropic Mixtures of the Type Found in Coal Tar

ORIG. PUB. : Bull Acad Polon Sci Ser Sci Chim, Geol et Geograph, 6, No 7, 453-457, XXXVIII (1958)

ABSTRACT : The authors describe a method for the investigation of polyazeotropic mixtures, based on the repeated distillation and analysis of fractions of the starting mixture and of the starting [?] mixture from which one or two groups of homologs have been removed or to which one or more components have been added [sic]. By way of an example, the authors have applied a method to the investigation of coal tar acid, which is a complex polyazeotropic mixture of phenols, pyridine bases, paraffins, and naphthalene.

V. Zagrebel'naya

CARD: 1/1

LISICKI, Z.

Distillations of polyazeotropic mixtures of the coal-tar type before and after removal of some series of homologues. Bul Ac Pol chim. 6 no.8:523-527 '58. (EEAI 9:6)

1. Department of Physical Chemistry, Warsaw University. Laboratory of Purification and Separation of Substances, Institute of General Chemistry, Polish Academy of Sciences. Presented by W. Swietoslowski. (Coaltar) (Mixtures) (Azeotropes)

LISICKI, Z.; SOSNIEWSKA, K.

Influence of phenol concentration on the course of distillation of the basic components of coal-tar type polyazeotropic mixtures. In English. Bul Ac Pol chim 6 no.11:675-680 '58. (KEAI 9:6)

1. Department of Physical Chemistry, Warsaw University. Institute of General Chemistry, Polish Academy of Sciences. Presented by W. Swietoslowski.

(Azeotropes) (Coal tar) (Mixtures) (Phenol)

LIDICKY, CYRIL

IV Polyazeotropic distillation of the mother liquor from naphthalene fractions // 1. Zygmunt Lisiecki and Krystyna Sosnkowska. *Pr. Chem.* 33, 24-9 (1958) (English and Russian summaries). — The oil consists of 6 homologous series: phenols, pyridine bases, aromatic amines, quinoline bases, single-ring aromatic hydrocarbons, and double-ring aromatic hydrocarbons. The b. ps. and f. ps. of 74 compds. are given. The study was based on the method of Swietoslawski and Lisiecki (*C.A.* 52, 20998i). Acidic compds. were removed from the mother liquor by washing with 15% NaOH. Basic compds. were removed by washing with dil. H₂SO₄. Neutral compds. were removed by mixing previously removed phenols and bases in the ratio 8:1. Three simplified fractions were obtained and distd. over a column with 25 theoretical plates. The results (condensation temp., % of naphthalene, % of acidic, basic, and neutral compds., and the temp. for the disappearance of crystals) are presented graphically. I. G. Manitts.

3
4E38

Smol

LISICKI, Zygmunt

Recent methods of benzol refining. Koks 8 no.5:161-164 S-0
'63.

1. Instytut Cieskiej Syntezy Organicznej, Blachownia Slaska.

LISICKY, Mikulas, inz.

Calculation of the elevation above sea level V_0 of the middle position survey marks whose rectangular coordinates are unknown. Geod kart obzor 9 no.12:334-335 D'63.

I. Geodeticky ustav, Bratislava.

LISICKY, S.

Acute frostbite. Voj. zdrav. listy 20 no.4:183-186 July-
Aug 1951. (CIVIL 21:1)

1. S. Lisicky, M.D., Lt. Colonel, Medical Corps.

LISICKY, Stefan, plukovník MUDr.; BIELEK, Zoltan, podplukovník MUDr.

Experiences with the treatment of badly healing ulcerations by means of catgut. Voj. zdrav. listy 34 no.3:129-131 Je '65.

1. Kozne oddelenie vojenskej nemocnice v Kosiciach (nacelnik plukovník MUDr. Stefan Lisicky) a chirurgicke oddelenie vojenskej nemocnice v Kosiciach (nacelnik plukovník MUDr. Stefan Sinko).

CZECHOSLOVAKIA

LISIOYN, J., Docent CSc.

Institute of Health Organization and History of Medicine
N. A. Semaska (Ustav organizace zdravotnictvi a dejin
mediciny N. A. Semaska), Moscow

Prague, Prakticky lekar, No 16, 1963, pp 601-604

"On the Problem of Psychophysical Units in Medicine."

LISICYN, J.P. (Moskva)

Human ecology -- the modern theory of social darwinism. Cesk.
zdrav. 12 no.12:620-627 D ' 64.

LISIECKA ADAMSKA, H.

~~Polish reagent for acetone and its significance in medical practice.~~
Polski tygod.lek. 5 no.47-48:1660-1662. 27 Nov 50. (CLML 20:6)

1. Of the First Clinic of Internal Diseases, Lodz (Head--Prof.W.
Grott, M.D.).

LISIECKA-ADAMSKA, H.

Possible role of biliary tract disease; especially cholelithiasis,
in etiology of diabetes. Polski tygod. lek. 7 no. 45:1461-1465;
contd. 10 Nov 1952. (OIML 24:1)

1. Of the First Internal Clinic and of the Infirmary of the Clinic
for Diabetics of the Polyclinic of Occupational Diseases (Head--Prof.
J. W. Grott, M.D.), Lodz Medical Academy.

LISIECKA-ADAMSKA, H.

Possible role of biliary tract diseases, especially cholelithiasis,
in etiology of diabetes. Polski tygod. lek. 7 no. 46:1516-1523; contd.
17 Nov 1952. (CJML 24:1)

1. Of the First Internal Clinic and of the Infirmary of the Clinic for
Diabetics of the Polyclinic of Occupational Diseases (Head--Prof.
J.W. Grott, M.D.), Lodz Medical Academy.

LISIECKA-ADAMSKA, Halina (Lodz, ul. Wieckowskiego nr 56)

Frequency of pancreatic complications in peptic ulcer, Polskie
arch. med. wewn. 23 no.5:623-633 1953.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi.
Kierownik: prof. J.W.Grott.

(PEPTIC ULCER, pathology,

*pancreas)

(PANCREAS, in various diseases,

*peptic ulcer)

LISZCZKA-ADAMSKA, Halina; MIRATYNSKA-RUSIN, Hlrsbieta

Ocular manifestations in diabetes. Polskie arch. med. wewnetrz.
24 no.2:133-148 1954.

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Lodzi.
Kierownik: prof. J.W.Grott, i z Kliniki Okulistycznej Akademii
Medycznej w Lodzi. Kierownik: prof. J.Sobanski.

(DIABETES MELLITUS, manifestations,
eye)

(EYE, in various diseases,
diabetes mellitus)

LISIECKA-ADAMSKA, Halina
MIRATYNSKA-RUSINOWA, Elzbieta; LISIECKA-ADAMSKA, Halina

Modifications in the crystalline lens in diabetes mellitus.
Klin. oczna 24 no.3:165-173 1954.

1. Z Kliniki Chorob Oczu i z Kliniki Chorob Wewnętrznych Akademii
Medycynej w Łodzi. Kierownik: prof. dr med. J. Sobanski. Kierownik:
prof. dr med. J.W. Grott.

(DIABETES MELLITUS, pathology,
crystalline lens)

(CRYSTALLINE LENS, in various diseases,
diabetes mellitus)

LISIECKA-ADAMSKA, Halina; MIRATYNSKA-RUSINOWA, Elzbieta

Angiectasis in diabetes mellitus. Klin. oczna 24 no.2:105-112
1954.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi,
Kierownik: prof. J.W.Grott. i z Kliniki Chorob Oczu, Kierownik:
prof. J.Sobanski.

(EYE, blood supply,

*angiectasis in diabetes mellitus)

(DIABETES MELLITUS, physiology,

*eye, angiectasis)

LISIECKA-ADAMSKA, Halina; CALKA, Wacław

~~Therapy of diabetes and pulmonary tuberculosis in diabetes.~~ Polski
tygod.lek. 10 no.20:656-661 16 May '55.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi; Kierownik: prof.
dr. med. J. W. Grott. Łódź, ul. Wieckowskiego 56.

(TUBERCULOSIS, PULMONARY, complications
diabetes mellitus, ther.)

(DIABETES MELLITUS, complications
tuberc., pulm., ther.)

LISIECKA-ADAMSKA, Halina

GROTT, Jozef Wacław ; CAŁKA, Wacław; LISIECKA-ADAMSKA, Halina.

Frequency of incidence of lung tuberculosis in diabetes. Polskie
arch. med. wewn. 25 no.1:23-33 1955.

1. Z I klin. chow. wewch. A.M.w Łodzi; kier. prof. dr. med. J.W.Grott.
(DIABETES MELLITUS, complications
tuberc., pulm., incidence)
(TUBERCULOSIS, PULMONARY, complications
diabetes mellitus, incidence)

MIRATYNSKA-HUSINOWA, Elzbieta; LISIECKA-ADAMSKA, Halina

Diabetic retinitis. Klin.oczna 25 no.1:37-48 1955.

1. Z Kliniki Chorob Oczu A.M. w Lodzi Kierownik: prof. J. Sobanski i z Kliniki Chorob Wewnetrznych A.M. w Lodzi. Kierownik: prof. J. W. Grott.

(DIABETES MELLITUS, complications,
retinitis)

(RETINA, diseases,
diabetic retinopathy)

LISIECKA-ADAMSKA, Halina: STANIEWICZ, Zygmunt

Kimmelstiel-Wilson syndrome. Polskie arch. med. wewn. 25 no.1:
95-105 1955.

1. Z I klin. chor. wewn. A.M. w Lodzi; kier. prof. dr. med.
J.W.Grott. Z Zakladu Anatomii patol. A.M. w Lodzi; kierownik prof.
dr. med. A.Pruszczyński.

(NEPHROSCLEROSIS

Kimmelstiel-Wilson synd., clin. aspect)

(DIABETES MELLITUS, complications

Kimmelstiel-Wilson synd., clin. aspect)

LISIECKA-ADAMSKA, HALINA.

LISIECKA-ADAMSKA, Halina (Lodz, Wieckowskiego 56 m.23)

Achievements of the Soviet medicine in the development of the science on diabetes. Polskie arch. med. wewn. 25 no.1:117-125 1955.

1. Z I. kliniki chor. wewn. A.M. w Lodzi; kier. prof. dr. med. J.W.Grott.

(DIABETES MELLITUS
contribution of Soviet med.)

(MEDICINE
in Russia, contribution to study on diabetes mellitus)

EXCERPTA MEDICA Sec. 6 Vol. 11/4 Apr. 57
LISIECKA-ADAMSKA H.E.

2416. LISIECKA-ADAMSKA H. I. Klin. Chorób Wewnętrznych A.M., Łódź.

*Losy chorych z chorobą wrzodową powikłaną zapaleniem trzustki. The future of patients with peptic ulcer complicated by pancreatitis POL. ARCH. MED. WEWNĘT. 1955, 25/2 (341-351)

Among 113 cases of peptic ulcer examined as to the possibility of participation of the pancreas, in 46 cases a definite or a highly probable pancreatitis was detected. This work is based on 24 cases observed over periods from 5 months to 5 yr. In this group there were 19 patients with definite pancreatitis. In 11 cases an exacerbation of pancreatitis in the period of relapse of the peptic ulcer disease was reported. In 6 patients the preoperative diagnosis was confirmed during the operation, in 4 of these the ulcer had penetrated into the pancreas. The symptoms of pancreatitis disappeared totally in 6 cases.

Lisiecka-Adamska - Łódź (VI, 9)

LISIECKA-ADAMSKA, H.; KOLAKOWSKI, J.; CALKA, W.; HAROLSKA I.

Multiple pulmonary abscesses complicating abortion. Gln.polaka
26 no.3:307-312 July-Sept. '55.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik: prof.
dr. J. W. Grott. Łódź, Wieckowskiego 56.

(LUNGS, abscess,

multiple, with abortion)

(ABORTION, complications,

lung abscesses, multiple)

(ABSCESS,

lungs, multiple, with abortion)

LISIECKA-ADAMSKA, Halina; MALDYK, Eugeniusz; KOLAKOWSKI, Jan

Renal complications in diabetes. Polski tygod. lek. 11 no.19:
830-835 7 May 56.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi; kier: prof. dr.
J. W. Grott i z Zakładu Anatomii Patologicznej A.M. w Łodzi; kier.
prof. dr. A. Pruszyński.

(DIABETES MELLITUS, pathology,
kidneys, autopsy findings (Pol))

(KIDNEYS, pathology,
in diabetes mellitus, autopsy findings (Pol))

MALDYK, Eugeniusz; LISIECKA-ADAMSKA, Halina; KOLAKOWSKI, Jan

Modern concepts of etiology, pathogenesis and therapy of hemochromatosis (bronze diabetes) with report of a case. Polski tygod. lek. 11. no.24:1069-1074 11 June 56.

1. Z I Klin. Chor. Wewn. A. M. w Lodzi; kier. prof. J. W. Grott 1 z. Zakladu Anat. Patolog. A. M. Lodz; kier. prof. A. Pruszczyński. Lodz ul. Perla 9 m 14

(HEMOCHROMTOSIS, case reports,
(Pol))

LISIECKA-ADAMSKA, Halina; MALDYK, Henryka

Diabetes and glycosuria in pregnancy. Polskie arch med.
wewn. 26 no.7:1121-1128 1956.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik:
prof. dr. med. J. W. Grott, Łódź, ul. Wieckowskiego 56.

(PREGNANCY, complications,
diabetes mellitus & glycosuria (Pol))

(DIABETES MELLITUS, in pregnancy,
(Pol))

(GLYCOSURIA, in pregnancy,
(Pol))

BORSUK, J.; LISIECKA-ADAMSKA, H.; MAJCHERSKA, B.

Audiometric curve in diabetes mellitus. Polskie arch. med. wewn.
26 no.7:1159-1166 1956.

1. Z Kliniki Otolaryngologicznej Kierownik: prof. dr. med.
A. Radziwinski i z I Kliniki Chorob Wewnętrznych A.M. w Łodzi
Kierownik: prof. dr. med. J. W. Grott, Łódź, ul. Narutowicza 94
m. 9.

(DIABETES MELLITUS, physiology,
audiometric curve (Pol))

(HEARING TESTS, in various diseases,
diabetes mellitus, variations of audiometric curve (Pol))

LISIECKA-ADAMSKA, Halina; DZIOBA, Helena; ADAMSKI, Stanislaw

Pseudoperitonitis during diabetic coma. Polski przegl.
chir. 28 no.2:183-188 Feb 56.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Łodzi--Kier.:
prof. dr. med. J. W. Grott. Z II Kliniki Chorob Wewnętrz.
A.M. w Łodzi.--Kier. prof. dr. med. J. Jakubowski Z II
Kliniki Chirurg. A. M. w Łodzi.--Kier. prof. dr. med. J.
Rutkowski Łódź, ul. Sterlinga 1/2.

(DIABETES MELLITUS

coma, causing pseudoperitonitis.)

(PERITONITIS

pseudoperitonitis, in diabetic coma.)

LISIECKA-ADAMSKA Halina; GROT, Ewa

Significance of trauma in pathogenesis of diabetes mellitus.
Polski tygod. lek. 12 no.25:949-954 17 June 57.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Łodzi, kierownik
prof. dr. J. W. Grott. Adres: Łódź, Wieckowskiego 56.
(DIABETES-MELLITUS, etiology and pathogenesis,
traum (Pol))

LISIECKA-ADANSKA, Halina (Lodz; ul. Wieckowskiego 56.)

Frequency of diabetes mellitus in rural environment. Polski tygod. lek.
13 no.14:515-518 7 Apr 1958

1. (Z I Kliniki Chorob Wewn. A.M. w Lodzi; kierownik; prof. dr med.
J.W. Grott).

(DIABETES MELLITUS, statistics,
in rural population (POL))

SLADKI, Edward, LISIŃSKA-ADAMSKA, Halina

Electrocardiography in diabetes mellitus. Polski tygod.lek. 13 no.19
712-717 12 May 1958

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi; kierownik; prof. dr
Jozef Wacław Grott. Adres: Łódź, ul. Jaracza. 35.
(DIABETES MELLITUS, physiology
ECG (Pol))
(ELECTROCARDIOGRAPHY, in var. dis.
diabetes mellitus (Pol))

LISIECKA-ADAMSKA, Halina; SZENDZIKOWSKI, Stefan; WIERZBOWSKA, Alina

A case of diffuse cancer of the stomach presenting as thrombotic thrombocytopenic purpura in a patient with diabetes. Polski tygod. lek. 13 no.28:1086-1089 14 July 58.

1. Z I Kliniki Chor. Wewn. Am M. w Lodzi; kierownik: prof. dr med. J. W. Grott i z Zakladu Anatomii Patolog. A. M. w Lodzi; kierownik: prof. dr A. Pruszczycki i z Laboratorium Szpit. Klin. Nr 1 A. M. w Lodzi; kier.; dr A. Wierzbowska. I Klinika Chorob Wewnetrznych, Lodz, ul. Kopcinskiego 22.

(STOMACH NEOPLASMS, manifest
thrombotic thrombopenic purpura in diabetic (Pol))
(DIABETES MELLITUS, case reports
with diffuse cancer of stomach & thrombotic thrombopenic
purpura (Pol))
(PURPURA, THROMBOPEMIC, case reports
thrombotic, with diabetes mellitus & diffuse cancer of
stomach (Pol))

LISIECKA-ADAMSKA, Halina; ADAMSKI, Stanislaw

Vascular changes in diabetic patients. Polskie arch.med. wewn.
28 no.5:842-844 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik: prof.
dr med. J. Grott i z II Kliniki Chirurgicznej A.M. w Łodzi p.o.
Kierownik: dr med. A. Alichniewicz. Adres: Łódź, ul. Wieckowskiego
56 m. 23.

(VASCULAR DISEASES, PERIPHERAL, etiol & pathogen
diabetes mellitus (Pol))

(CARDIOVASCULAR DISEASES, etiol & pathogen.
same (Pol))

(DIABETES MELLITUS, compl.
vasc. lesions (Pol))

EXCERPTA MEDICA Sec 2 Vol 13/5 Physiology May 60

2427. IS THERE ANY PARALLELISM BETWEEN PERIPHERAL NERVE LESIONS AND VASCULAR CHANGES? - Czy istnieje równoległość między uszkodzeniem obwodowego układu nerwowego w cukrzycy a zmianami naczyniowymi. - Lisiecka-Adamska H. and Prusiński A. I Klin, Chor, Wewn, I Klin, Chor, Nerw, A. M., Łódź - POL, TYG, LEK, WIAD. LEK. 1959, 14/22 (1003-1006) Graphs 2

Neurological examination of 280 diabetic patients revealed signs of polyneuropathy in 141. Ophthalmoscopy, capillary resistance test and oscillometry of the legs were also carried out. Comparison of results of these examinations in patients with and without signs of polyneuropathy indicated a considerable degree of correlation between neurological disturbances and retinopathy, nephropathy and decreased vascular resistance. No correlation between polyneuropathy and arteriosclerosis of the lower extremities was found on statistical analysis. These findings are considered to support the hypothesis that specific changes in small vessels serving the peripheral nerves (resembling the changes found in retinopathy and nephropathy) are of major importance in the pathogenesis of diabetic polyneuropathy.

KROLIKOWSKA, W.: PRUSINSKI, A.: LISIENKA-ADAMSKA, H.

Considerations on the problem of the EEG registration in
diabetic patients according to our observations. Neur. &c.
polska 10 no.1:79-86 Ja-F '60.

1. Z Kliniki Chorob Nerwowych A.M. w Lodzi, Kierownik: prof.
dr nauk med. E. Herman. 2. Z I Kliniki Chorob Wewnetrznych
A.M. w Lodzi, Kierownik: prof. dr. nauk med. J.W. Grott.
(DIABETES MELLITUS diag.)
(ELECTROENCEPHALOGRAPHY)

POLAND

H. LISIECKA-ADAMSKA (Affiliation not given)

"Report of Meeting."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 45, 5 Nov 1962; p 1774.

Abstract: Report of the tenth scientific meeting of the Diabetology Section of the Polish Internists' Association (Seksja Diabetologiczna Towarzystwa Internistow Polskich.) The meeting was devoted mainly to several papers on treatment of uncomplicated diabetes, including both dietary and pharmacologic means; plus paper on determination of free amino acids in blood of diabetics by column chromatography, and on thioctic acid treatment of diabetic polyneuritis.

1/1